

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MASIBP.010C2APPLICATION NO.
10/685,068INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Flaherty et al.FILING DATE
October 14, 2003GROUP
Unknown

(USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
3	29	4,510,940	04/1985	Wesseling			
	30	4,524,777	06/1985	Kisioka et al.			
	31	4,539,997	09/1985	Wesseling et al.			
	32	4,561,447	12/1985	Kawamura et al.			
	33	4,562,843	01/1986	Djordjevich et al.			
	34	4,646,754	03/1987	Seale			
	35	4,660,566	04/1987	Palti			
	36	4,669,152	10/1987	Link			
	37	4,669,485	06/1987	Russell			
	38	4,718,426	01/1988	Russell			
	39	4,718,427	01/1988	Russell			
	40	4,718,428	01/1988	Russell			
	41	4,771,792	09/1988	Seale			
	42	4,784,152	11/1988	Shinoda et al.			
	43	4,791,915	12/1988	Barsotti et al.			
	44	4,796,184	01/1989	Bahr et al.			
	45	4,799,491	01/1989	Eckerle			
	46	4,802,488	02/1989	Eckerle			
	47	4,846,189	07/1989	Sun			
	48	4,869,261	09/1989	Penaz			
	49	4,873,987	10/1989	Djordjevich et al.			
	50	4,907,596	03/1990	Schmid et al.			
	51	4,924,871	05/1990	Honeyager			
	52	4,960,128	10/1990	Gordon et al.			
	53	5,033,471	07/1991	Yokoe et al.			
	54	5,099,853	03/1992	Uemura et al.			
	55	5,101,829	04/1992	Fujikawa et al.			

EXAMINER

Nasser

DATE CONSIDERED

9/13/04

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	1	Re 32,180	06/1986	Lewiner et al.			
	2	2,583,941	01/1952	Gordon, Jr. et al.			
	3	3,090,377	05/1963	Salisbury et al.			
	4	3,095,872	07/1963	Tolles			
	5	3,280,817	10/1966	Jorgensen et al.			
	6	3,318,303	05/1967	Hammacher			
	7	3,773,033	11/1973	Rodbard et al.			
	8	3,881,145	04/1975	Blick			
	9	3,885,551	05/1975	Massle			
	10	4,074,711	02/1978	Link et al.			
	11	4,141,350	02/1979	Shinoda			
	12	4,154,238	05/1979	Link			
	13	4,172,450	10/1979	Rogers et al.			
	14	4,181,134	01/1980	Mason et al.			
	15	4,202,348	05/1980	Abe et al.			
	16	4,203,451	05/1980	Panico			
	17	4,250,894	02/1981	Frei et al.			
	18	4,265,251	05/1981	Tickner			
	19	4,269,193	05/1981	Eckerte			
	20	4,295,471	10/1981	Kaspari			
	21	4,307,728	12/1981	Albert			
	22	4,343,314	08/1982	Sramek			
	23	4,349,034	09/1982	Ramsey III			
	24	4,406,289	09/1983	Wesseling et al.			
	25	4,409,983	10/1983	Albert			
	26	4,423,738	01/1984	Newgard			
	27	4,443,730	04/1984	Kitamura et al.			
	28	4,475,554	10/1984	Hyndman			

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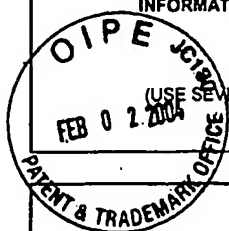
9/10/04

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3	56	5,111,817	05/1992	Clark et al.		1	
	57	5,148,807	09/1992	Hsu		1	
	58	5,163,438	11/1992	Gordon et al.		1	
	59	5,165,416	11/1992	Shinoda et al.		1	
	60	5,237,997	08/1993	Greubel et al.		1	
	61	5,241,963	09/1993	Shankar		1	
	62	5,241,964	09/1993	McQuilkin		1	
	63	5,261,414	11/1993	Aung et al.		1	
	64	5,267,565	12/1993	Beard		1	
	65	5,279,303	01/1994	Kawamura et al.		1	
	66	5,309,916	05/1994	Hatschek		1	
	67	5,337,750	08/1994	Walloch		1	
	68	5,339,818	08/1994	Baker et al.		1	
	69	5,390,679	02/1995	Martin		1	
	70	5,394,877	03/1995	Orr et al.		1	
	71	5,423,322	06/1995	Clark et al.		1	
	72	5,425,372	06/1995	Takeda		1	
	73	5,439,001	08/1995	Butterfield et al.		1	
	74	5,447,163	09/1995	Apple		1	
	75	5,494,043	02/1996	O'Sullivan et al.		1	
	76	5,533,511	07/1996	Kaspari et al.		1	
	77	5,551,440	09/1996	Miyawaki		1	
	78	5,590,649	01/1997	Caro et al.		1	
	79	5,634,467	06/1997	Nevo		1	
	80	5,640,964	06/1997	Archibald et al.		1	
2	81	5,722,414	03/1998	Archibald et al.		1	

EXAMINER

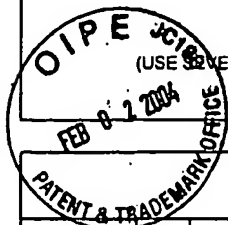
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		FILING DATE October 14, 2003	GROUP Unknown



U.S. PATENT DOCUMENTS

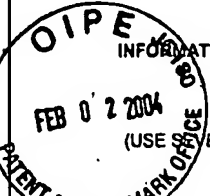
PART 8, TRAC							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
M	83	5,791,347	08/1998	Flaherty et al.		11	
	84	5,807,268	09/1998	Reeves et al.		11	
	85	5,810,734	09/1998	Caro et al.		11	
	86	5,830,131	11/1998	Caro et al.		11	
	87	5,833,618	11/1998	Caro et al.		11	
	88	5,904,654	05/1999	Wohlmann et al.		11	
	89	6,027,452	02/2000	Flaherty et al.		11	
	90	6,045,509	04/2000	Caro et al.		11	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
M	91	CA 2,183,638	02/2000	Canada				
	92	CA 1,133,211	01/1995	Canada				
	93	EP 0 443 267	12/1990	Europe				
	94	JP 4,097,738	03/1992	Japan				
	95	JP 2,831,471	09/1998	Japan				
	96	WO 86/04801	08/1986	PCT				
	97	WO 90/00029	01/1990	PCT				
	98	WO 90/05482	05/1990	PCT				
	99	WO 95/16391	06/1995	PCT				
	100	WO 95/28126	10/1995	PCT				
	101	WO 97/12545	05/1997	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
M	102	Shimazu et al.; "Vibration Technique for Indirect Measurement of Diastolic Arterial Pressure in Human Fingers"; Medical & Biological Engineering & Computing; March 1989; pages 130-136

EXAMINER	Nasser	DATE CONSIDERED	9/18/01
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
N	103	Gravlee, Glenn P., M.D. and Joni K. Brockschmidt; "Accuracy of Four Indirect Methods of Blood Pressure Measurement With Hemodynamic Correlations"; Journal of Clinical Monitoring; Vol. 6, No. 4; October 1990; pages 284-298
	104	Ramsey, Maynard III, M.D., Ph.D.; "Blood Pressure Monitoring: Automated Oscillometric Devices"; Journal of Clinical Monitoring; Vol. 7, No. 1; January 1991; pages 56-67
	105	"Medwave: A New Choice: Vasotrac™ APM 205 Blood Pressure Monitor" Brochure; Medwave, Inc.; 1995
	106	PCT International Search Report, App. No.: PCY/US95/04124, App. Date: 04/03/1995, 3 pages
	107	M. Anliker et al., "Dispersion and Attenuation of Small Artificial Pressure Waves in the Canine Aorts," Circulation Research, Vol. XXIII, 1968, pages 539-551
	108	R. Cobbold, "RF and Microwave Designer's Handbook, pages 504-510, 766-776
	109	M. Landowne, "Characteristics of Impact and Pulse Wave Propagation in Brachial and Radial Arteries," Journal of Applied Physiology, Vol. 12, pages 1-97
	110	R.G. Pearl et al., "Continuous Non-Invasive Blood Pressure Measurement Using Arterial Pressure Wave Velocity," Stanford University School of Medicine, 1995
	111	J.D. Pruett et al., "Measurement of Pulse-Wave Velocity Using a Beat-Sampling Technique," L.A. Geddes, Annals of Biomedical Engineering, Vol. 16, 1988, pages 341-347
	112	Stanford Research Systems, "Application Note #3 About Lock-In Amplifier," Scientific and Engineering Instruments, 1992-1993, pages 129-139
	113	Shimazu et al., "Electric Impedance Cuff for the Indirect Measurement of Blood Pressure and Volume Elastic Modulus in Human Limb and Finger Arteries," Medical Biological Engineering & Computing, Vol. 27, September 1989, pages 477-483
	114	"Transducers for Biomedical Measurements: Principles and Applications," Institute of Biomedical Engineering, pages 170-173
	115	PCT International Search Report, App. No.: PCT/US95/12452, App. Date: 11/20/95, 2 pages
	116	PCT International Search Report, App. No.: PCT/US96/15820, App. Date: 03/26/97, 3 pages
	117	PCT International Search Report, App. No.: PCT/US96/15879, App. Date: 12/07/96, 2 pages
	118	PCT International Search Report, App. No.: PCT/US96/15951, App. Date: 03/10/96, 5 pages
	119	PCT International Search Report, App. No.: PCT/US96/15956, App. Date: 01/07/97, 3 pages
	120	PCT International Search Report, App. No.: PCT/US97/10381, App. Date: 06/12/97, 3 pages
	121	PCT International Search Report, App. No.: PCT/US97/13743, App. Date: 10/17/97, 3 pages
	122	PCT International Search Report, App. No.: PCT/US00/30250, App. Date: 01/11/00, 3 pages

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EXAMINER N9588	DATE CONSIDERED 9/14/01
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